

Sheet 11 of 11

Aug. 7, 2001

Detailed Description Text - DETX (91):

Input image storage section 501 describes steps for storing images recorded by such means as <u>camera</u> and contains the image data to be subjected to the recognition process. The data may be any type of binary image, multi-valued gray image or color image.

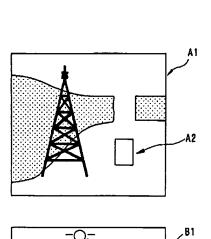
Detailed Description Text - DETX (93):

Target <u>cropping</u> section 503 performs <u>cropping</u> of a target region from an input image <u>stored</u> in the input image <u>storage</u> section 501. Although dependent on the method used in similarity computation section 504, a target region must be cut out so as to be directly comparable with reference patterns. For example, when using the correlation factor to judge the degree of resemblance, the reference pattern and the target region must have the same <u>size</u> and shape. Although the present cropping method is based on directional differentiation, it is still necessary to match the <u>size</u> and shape of the target image to those of the reference pattern as in other methods.

Detailed Description Text - DETX (132):

An abnormality detection method will now be explained with reference to

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| 73 | G | С | US 20010022667 A1 | 20010920 | Method, a |
| 74 | C | г | US 6272244 B1 | 20010807 | Methods method fc image pro |
| 75 | | | US 6041143 A | 20000321 | Multiresol method |



US 6,272,244 B1

